

REVISIONS APPLYING TO THIS CONTROL RECORD		
ISSUE	DATE	AUTH. NO.
1	4-5-55	10528
2	8-21-55	11750
3	4-26-57	23975
4	5-28-57	24128-90
5	2-27-58	25441

**ISSUE CONTROL
SHEET 1 OF 1**

**ACTUAL
WIRING DIAGRAM
FOR
MODEL 28 & 35
MOTOR UNITS**

WD NUMBER 2900 WD

DRAWN G.S.B.	QWD. REH
ENGR. G.M.B.	APPD.

**TELETYPE
CORPORATION**

2900 WD

SYNCHRONOUS MOTOR UNITS

NOTE
REVISION INFORMATION MUST ALSO BE
REFLECTED IN THE ISSUE CONTROL REC-
ORD, WHICH IS A PART OF THIS DOCUMENT.

2900WD

REVISIONS

ISSUE	DATE	AUTH NO
1	2-15-68	28-12687
M	2-17-68	28-13280
N	2-27-68	28-13281
P	7-8-68	28-13688
O	9-13-68	28-12689
Q	12-18-68	28-14625
S	6-23-61	10325
T	8-9-61	70826
U	10-18-61	71872
V	11-30-61	71882
W	2-28-62	71885
X	6-30-62	71887
Y	11-28-62	72818
Z	2-15-63	72833
AA	4-13-63	72832
AB	8-10-63	72835
AC	2-28-63	72180
AD	6-22-63	72835
AE	2-13-64	72834
AF	2-28-64	72836-1
AG	4-13-64	72838-2
AH	2-22-64	72839
AI	11-8-64	72841
AJ	2-8-65	72842
AK	4-10-65	72843-1
AL	8-22-65	72843-2
AM	11-8-65	72843-3
AN	11-10-65	72844
AO	2-22-66	72845
AP	2-8-66	72846
AQ	2-22-66	72847
AR	2-22-66	72848
AS	2-22-66	72849

SEE HOW CONTROL ROOMS FOR THE
FURNACE ARE IN THE CONTROL ROOM.

14

ACTUAL
REVENUE: \$1,000,000
PER
YEAR: 10-20-2000
TOTAL: 10-20-2000

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

100 • JUNE 2004

1

1998

地址：上海南京路100号

TABLE 1. *Continued*

Volume 6, 1	Comm. 211
-------------	-----------

1990	1991	1992
------	------	------

TELETYPE

TELETYPE
CORPORATION

2900WD

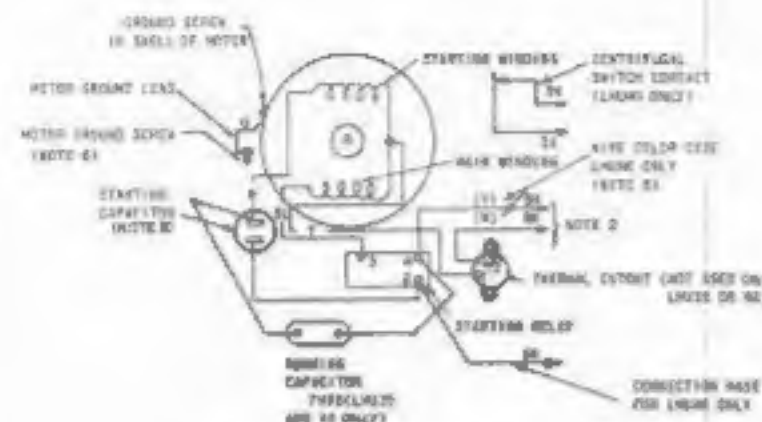
- | NO. | NOTES |
|-----|---|
| 1. | SPRINGERHOD MOTOR OPERATED ON REGULATED FREQUENCY (± 0.75%) MAXIMUM AC ONLY. |
| 2. | CONNECT EITHER WIRE TO DESIGNATED TERMINALS OF UNIT TERMINAL BLOCK, PER WIRING DIAGRAM OF ASSOCIATED UNIT |
| 3. | MOTOR LEADS OF SAME COLOR ARE INTER-CHANGEABLE. |

8. EXTERNAL NOISE SUPPRESSION NETWORK
CONSISTING OF 100 OHM, 1/2 WATT
RESISTOR IN SERIES WITH 0.22 MFD 15-V
CAPACITOR CONNECTED ACROSS TEL#4 AND
GROUND WIRE. (FOR LINES 5E)

6. MOTOR GROUND LEAD (TERMINAL MUST BE FASTENED TO MOUNTING CRADLE OF MOTOR UNDER A SEPARATE GROUND SCREW ONLY. A SCREW USED FOR ANOTHER PURPOSE CANNOT BE USED FOR GROUNDING UNDERWRITERS LABORATORIES EQUIPMENT).

- | | |
|----------------------|------------|
| 7. WINE COLOR (CODE) | |
| 00 - BLACK | 8 - RED |
| 01 - BLUE | 9 - ORANGE |
| 02 - BROWN | Y - YELLOW |
| P - PURPLE | 0 - SLATE |
| M - WHITE | 0 - GREEN |

Q	LOW	STARTING CAPACITOR VALUE
1	3.16, 3.3, 3.5, 3.6, 3.7, 3.8, 4.0, 4.2, 4.5, 4.7	45 - 40 MFD
2	11, 12	110 - 220 MFD
3	25, 30	25 - 75 MFD
4	50	15 - 30 MFD
5	100, 110, 120, 130, 140, 150	20 - 100 MFD
6	200	40 - 150 MFD



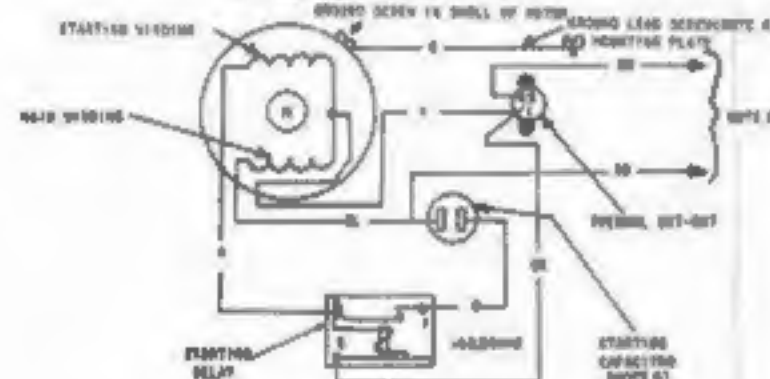
100 80 60 40 20 0

FOR USE WITH 104 A.C. 40-POUNDS SUPPLY

LMJ 33, 35, 36, 38, 40, 51, 52

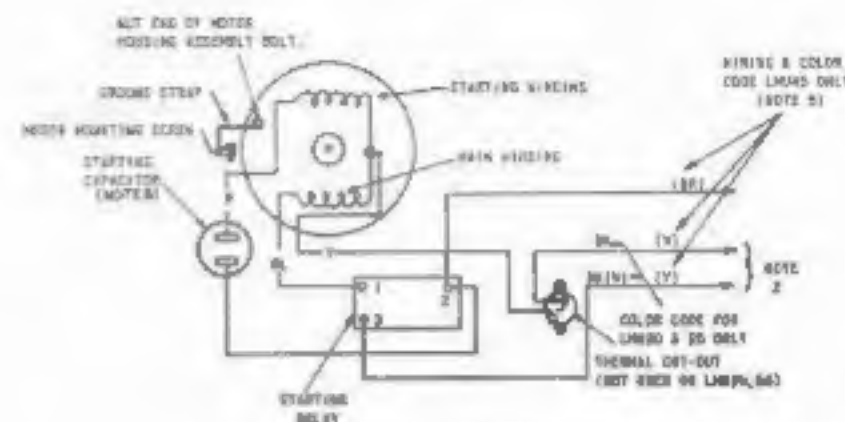
Figure 1

For 330 V a.c. 50-Hz POWER SUPPLY



LNU 50.

POWER SUPPLY UNIT FOR THE 1100 AND 1100A



1.00 10.20 2.0 2.25 31.45 60

200 NDC WITH 1491 AC AS-2002A MODEL TAIL

SERIES GOVERNED MOTOR UNITS

MTL
REVISION INFORMATION BASED ALSO ON
PARALLEL TO THE ISSUE CONTROL REC-
TOD WHICH IS A PART OF THIS DRAWING

2900WD

REVISIONS

ISSUE	DATE	AUTH. NO.
L	2-15-60	28-12447
M	3-17-60	28-12448
N	5-27-60	28-12449
P	7-5-60	28-12450
Q	9-13-60	28-12451
R	12-16-60	28-12452
S	5-23-61	28255
T	8-8-61	28256
U	10-18-61	28257
V	11-30-61	28258
W	8-24-62	28259
X	9-25-62	28260
Y	11-28-62	28261
Z	8-15-63	28262
AA	8-18-63	28263
AB	8-18-63	28264
AC	8-28-63	28265
AD	8-28-63	28266
AE	1-13-64	28267
AF	1-28-64	28268
AG	4-13-64	28269
AH	8-22-64	28270
AI	11-6-64	28271
AJ	5-5-65	28272
AK	8-10-65	28273
AL	9-20-65	28274
AM	11-8-65	28275
AN	11-10-65	28276
AO	2-23-66	28277
AP	4-1-66	28278
AQ	4-28-67	28279
AR	4-28-67	28280

SEE ISSUE CONTROL RECORD FOR COM-
PLETE LIST OF SHEETS COMPRISING THIS
SET

SHEET 2

ACTUAL
WIRING DIAGRAM
FOR
MODEL 28 & 29
MOTOR UNITS

APPROVALS

BY AND FOR	DATE

E-NUMBER

PROD. NO. 2900WD

DATE 1-28-66

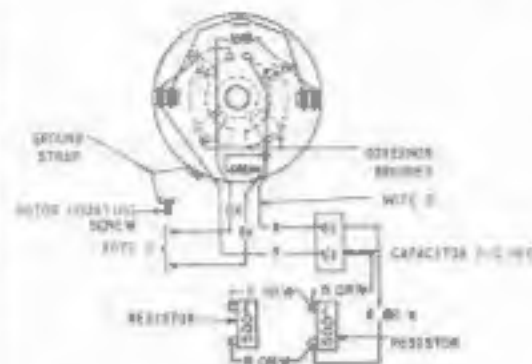
R.D. FILE NO. 1-30-66 1964

DRAWN BY CHD. R. 12-7-65

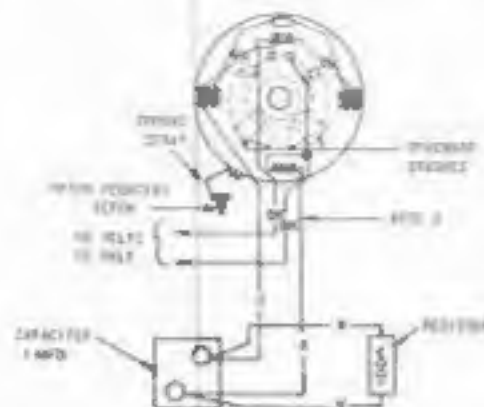
ENGR. S. H. B. APPD.

TELETYPE
CORPORATION

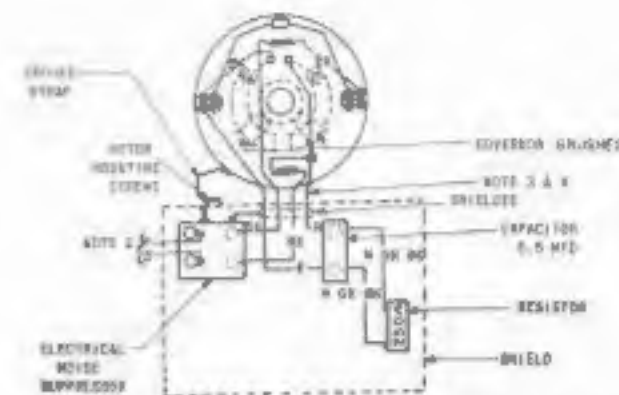
2900WD



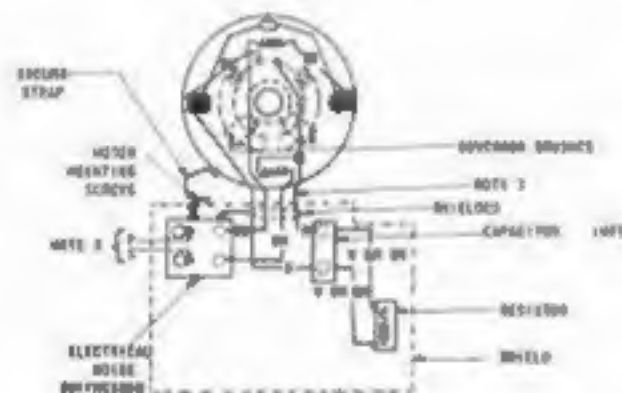
LMU 6, 13 (UNIVERSAL)
WITHOUT RADIO FREQUENCY SUPPRESSORS
FOR USE WITH EITHER 115V AC 50-60 HZ OR 115V DC
POWER SUPPLY (NOTE 18).



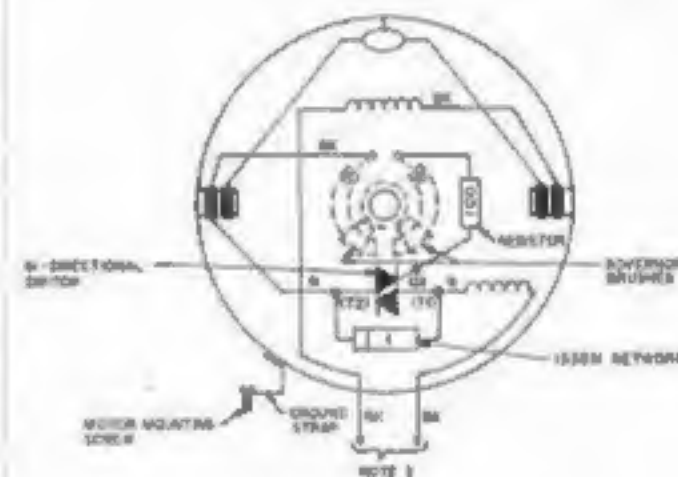
LMU 23 (48 VOLTS)
WITHOUT RADIO FREQUENCY SUPPRESSORS
FOR USE ON 48 VDC POWER SUPPLY ONLY



LMU 28, 32, 35, 41, 47 (UNIVERSAL)
WITH RADIO FREQUENCY SUPPRESSORS
FOR USE WITH EITHER 115V AC 50-60 HZ OR 115V DC
POWER SUPPLY (NOTE 18)



LMU 29 (48 VOLTS)
WITH RADIO FREQUENCY SUPPRESSORS
FOR USE ON 48 VDC POWER SUPPLY ONLY



LMU 57 (115 VOLTS AC)
WITHOUT RADIO FREQUENCY SUPPRESSORS
FOR USE ON 115 VOLTS AC ONLY

- NOTES
1. A. AC SERVO MOTOR UNITS OPERATE ON
UNREGULATED AC POWER.
B. ASSOCIATED LEAD MUST BE SUPPLIED
WITH CAPACITOR-RESISTOR ASSEMBLY
FOR DC OPERATION OF GOVERNED MOTORS.
 2. CORRECT EITHER WIRE TO DEREGULATED
TERMINALS OF UNIT TERMINAL BLOCK, PER
WIRING DIAGRAM OF ASSOCIATED UNIT.
 3. MOTOR LEADS OF SAME COLOR ARE INTER-
CHANGEABLE.
 4. MOTOR LEADS ARE ENCASED IN
APPROXIMATELY 10% LEAD COPPER BRASSING
& FASTENED TO MOTOR AND CONTROL PARTS
COMPARTMENT (FOR LMU28).
 5. LMU6, 10, AND 14 MOTOR UNITS (UNIVERSAL
SERIES GOVERNORS) CONTAIN TWO 500 OHM
RESISTORS WIRED IN PARALLEL EQUIVALENT
TO 250 OHMS.
LMU6 MOTOR UNIT SUPERSEDED BY LMU10
MOTOR UNIT.
LMU10 MOTOR UNIT SUPERSEDED BY LMU14
MOTOR UNIT.
LMU14 MOTOR UNIT SUPERSEDED BY LMU28
MOTOR UNIT.
 6. WIRE COLOR CODE
BY - BLACK
BL - BLUE
BR - BROWN
P - PURPLE
W - WHITE
R - RED
O - ORANGE
Y - YELLOW
G - GREEN